

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently Amended): A vehicle-mounted meter system comprising:

an inputting and outputting circuit for data measured to show a condition of the vehicle,

a control circuit for controlling the system as a whole and for procession of the data, the control circuit separated from the data inputting and outputting circuit,

a meter main body having at least one measured value indication device a driving device for the indication device, and

a control unit detachably attached to the meter main body,

wherein the data inputting and outputting circuit is arranged on the meter main body, and the control circuit is arranged on the control unit,

wherein the control unit has a memory and a control circuit, the memory storing and rewriting a software program to control the system as a whole and to process the measured data, the control circuit operated by the software program.

Claim 2 (Original): The meter system recited in claim 1 wherein the meter main body has a random bus structure corresponding to the data inputting and outputting circuit, and the bus structure has a buffer through which communication is allowed between the data inputting and

outputting circuit and the control circuit.

Claim 3 (Original): The meter system recited in claim 1 wherein wire or wireless signal transmission is applied between the meter main body and the control unit.

Claim 4 (Original): The meter system recited in claim 1 wherein the control unit is a card-typed one.

Claim 5 (Currently Amended): A vehicle-mounted meter system comprising:
an inputting and outputting circuit for data measured to show a condition of the vehicle,
a control circuit for controlling the system as a whole and for procession of the data, the control circuit separated from the data inputting and outputting circuit,
a meter main body having at least one measured value indication device and a driving device for the indication device, and
a control unit detachably attached to the meter main body,
wherein the data inputting and outputting circuit is arranged on the control unit, and the control circuit is arranged on the meter main body,
wherein the control unit has a memory and a control circuit, the memory storing and rewriting a software program to control the system as a whole and to process the measured data, the control circuit operated by the software program.

Claim 6 (Original): The meter system recited in claim 5 wherein the meter main body has a random bus structure corresponding to the data inputting and outputting circuit, and the bus structure has a buffer through which communication is allowed between the data inputting and outputting circuit and the control circuit.

Claim 7 (Original): The meter system recited in claim 5 wherein wire or wireless signal transmission is applied between the meter main body and the control unit.

Claim 8 (Original): The meter system recited in claim 5 wherein the control unit is a card-typed one.

Claim 9 (Currently Amended): A vehicle-mounted meter system comprising:
a meter main body having at least one measured value indication device and a driving device for the indication device, the measured value indication device showing a measured data of a condition of an automotive vehicle, and
a control unit for controlling the system as a whole and for processing the measured data, the control unit detachably mounted on the meter main body via connectors,

wherein the control unit has a memory and a control circuit, the memory storing and rewriting a software program to control the system as a whole and to process the measured data, the control circuit operated by the software program.

Claim 10 (Original): The meter system recited in claim 9 wherein wire or wireless signal transmission is applied between the meter main body and the control unit.

Claim 11 (Original): The meter system recited in claim 9 wherein the control unit the is a card-typed one.

Claim 12 (Currently Amended): A vehicle-mounted meter system comprising:
a meter main body having an inputting and outputting circuit for data measured by various types of sensors to know a condition of the vehicle, at least one measured value indication device for indicating the measured data, and a driving device for the indication device, and
a control unit for controlling the system as a whole and for processing the measured data, the control unit detachably mounted on the meter main body via connectors,

wherein the control unit has a memory and a control circuit, the memory for storing and rewriting a software program to control the system as a whole and to process the measured data, the control circuit operated by the software program.

Claim 13 (Original): The meter system recited in claim 12 wherein wire or wireless signal transmission is applied between the meter main body and the control unit.

Claim 14 (Original): The meter system recited in claim 12 wherein the control unit is a card-typed one.

Claims 15-17 (Canceled).

Claim 18 (New): The meter system recited in claim 1 wherein the control circuit of the control unit includes a micro computer.

Claim 19 (New): The meter system recited in claim 18 wherein the meter main body is a combination meter having a plurality of meters and a display, and the micro computer controls the plurality of meters and the display.

Claim 20 (New): The meter system recited in claim 5 wherein the control circuit of the control unit includes a micro computer.

Claim 21 (New): The meter system recited in claim 20 wherein the meter main body is a combination meter having a plurality of meters and a display, and the micro computer controls the plurality of meters and the display.

Claim 22 (New): The meter system recited in claim 9 wherein the control circuit of the control unit includes a micro computer.

Claim 23 (New): The meter system recited in claim 22 wherein the meter main body is a combination meter having a plurality of meters and a display, and the micro computer controls the plurality of meters and the display.

Claim 24 (New): The meter system recited in claim 12 wherein the control circuit of the control unit includes a micro computer.

Claim 25 (New): The meter system recited in claim 24 wherein the meter main body is a combination meter having a plurality of meters and a display, and the micro computer controls the plurality of meters and the display.